



KEYED NOTES:

- ① CONTRACTOR SHALL TERMINATE AND CAP PIPING A MINIMUM OF 12" INSIDE STEAM MANHOLE OR PER MANUFACTURERS INSTRUCTIONS.
- ② LANL SUPPORT SERVICES SUBCONTRACTOR (SSS) WILL ASSEMBLE PIPING, VALVES, ETC IN STEAM MANHOLE, AND TIE INTO EXISTING STEAM AND CONDENSATE MAINS (BY CUTTING A TEE SIZED TO MATCH NEW LINES) WITH ALL MATERIALS FURNISHED BY CONTRACTOR.
- ③ LANL CONSTRUCTION INSPECTOR WILL NOTIFY SSS 10 WORKING DAYS IN ADVANCE TO SCHEDULE TIE-IN AND INSTALLATION OF STEAM MANHOLE PIPING, VALVES, ETC. LANL CONSTRUCTION INSPECTOR TO ENSURE ALL MATERIAL ARE ON SITE.
- ④ 3/4" BY PASS [PROVIDE WHEN MAIN IS 4" AND LARGER] BYPASS VALVE TO BE ON SAME PLANE WITH SHUT-OFF VALVE.
- ⑤ LOCATE FIRST SHUT-OFF VALVE WITHIN 5 FEET OF BUILDINGS WALL PENETRATION.

DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2. ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

SITE STEAM/CONDENSATE TIE-IN DETAIL

SCALE: NONE

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. SEE SHEET 2.
2. PIPING SHOWN IN STEAM MANHOLE IS SCHEMATIC. FINAL CONSTRUCTION DRAWINGS SHALL SHOW PIPING AND VALVES DRAWN TO SCALE TO ENSURE ADEQUATE CLEARANCES AND MANHOLE SIZE.
3. DESIGN DISTRIBUTION SYSTEM UP TO AND INCLUDING FIRST PRV AND BYPASS VALVE WITHIN THE BUILDING FOR 150 PSIG WORKING STEAM PRESSURE (WSP) AND 500°F TEMPERATURE.
4. MINIMUM PIPE SIZE FOR STEAM AND CONDENSATE DISTRIBUTION PIPING SHALL BE 2".

1	8-14-03	DATE	EDITORIAL CHANGES & REVISED KEYED NOTES 1 AND 3	RP	JG	MS	EH	TO
NO	DATE	CLASS	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
<div style="text-align: center;"> <p>FACILITY & WASTE OPERATIONS DESIGN ENGINEERING CONSTRUCTION SERVICES</p> </div>								
ENGINEERING STANDARDS MANUAL				DRAWN	R. PEARSON			
				DESIGN	J. GONZALES			
				CHECKED	M. SMITHOUR			
				DATE	8-23-02			
BLDG X				TA-X				
SUBMITTED				APPROVED FOR RELEASE				
DISCIPLINE POC: GURINDER GREWAL				STANDARDS MANAGER: TOBIN ORUCH				
				<div style="text-align: right;"> 1 OF 2 </div>				
CLASSIFICATION U				REVIEWER LARRY BAYS		DATE		REV
PROJECT ID				DRAWING NO		DATE		REV
CHAPTER 3				ST-G3040-1				1